



Climate change adaptation at the intersection of food and health

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Abstract:

Nutritious, safe, affordable, and enjoyable food is a fundamental prerequisite for health. As a nation, Australia is currently classified as food secure with the domestic production exceeding domestic consumption of most major food groups. The domestic system is almost self-sufficient in terms of nutritious plant foods, although these foods have seen steady higher price increases relative to other foods, with nutrition equity implications. However, the viability of Australia's food security sits counter to the continued presence of a stable and supportive climate. This article reviews the current state of science concerning the interface between climate change, food systems, and human health to reveal the key issues that must be addressed if Australia is to advance human health and sustainable food systems under a changing climate.

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Resource Description

Communication: ☒

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience: ☒

audience to whom the resource is directed

Policymaker

Exposure : ☒

weather or climate related pathway by which climate change affects health

Food/Water Security

Food/Water Security: Agricultural Productivity, Food Access/Distribution

Geographic Feature: ☒

resource focuses on specific type of geography

Climate Change and Human Health Literature Portal

None or Unspecified

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Australasia

Health Co-Benefit/Co-Harm (Adaption/Mitigation):

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

Health Impact:

specification of health effect or disease related to climate change exposure

Diabetes/Obesity, Malnutrition/Undernutrition, Other Health Impact

Other Health Impact: Diet-related health outcomes

Intervention:

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Elderly, Low Socioeconomic Status, Pregnant Women, Workers

Other Vulnerable Population: People with pre-existing illness

Resource Type:

format or standard characteristic of resource

Research Article

Timescale:

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content